



Substitute for form 1695/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete If Known**

Application Number	10/698,427
Filing or 371 (c) Date	November 3, 2003
First Named Inventor	Hideki MUTO
Art Unit	2601-2817
Examiner Name	Barbara Summers
Attorney Docket Number	36856.1161

**U.S. PATENT DOCUMENTS***Class/Subclass**Pages, Columns, Lines, Where  
Relevant Passages or Relevant  
Figures Appear*

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code 2(if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BS	1	5,513,382	04-1996	Agahi-Kesheh et al.	455/83
BS	2	5,499,000	03-1996	Morikawa et al.	333/104
BS	3	5,634,200	05-1997	Kitakubo et al.	455/82

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number-Kind Code <sup>3</sup> (if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
BS	4	JP 08-097743 (English abstract and machine translation)	04-1996	JAPAN	_____	X
BS	5	JP 58-125440	08-1983	JAPAN	_____	
BS	6	JP 63-056023 (English abstract)	03-1988	JAPAN	_____	X
BS	7	JP 10-126281 (English abstract and machine translation)	05-1998	JAPAN	_____	X
BS	8	JP 05-025850 (English machine translation)	04-1993	JAPAN	_____	X
BS	9	EP 0 641 090	03-1995	EPO	_____	
BS	10	EP 0 778 671	06-1997	EPO	_____	

Examiner  
Signature

Barbara Summers

Date  
Considered

4/14/06

\* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

**(Use as many sheets as necessary)**

Sheet	1	of	2
-------	---	----	---

Application Number	10/698,427
Filing Date	11/3/03
First Named Inventor	Hideki MUTO
Art Unit	2817
Examiner Name	Barbara Simmons
Attorney Docket Number	36856.1161

## Class/Subclass

[illegible]

(Also on IDS of 9/20/03)

Examiner Signature	Boulara Summons	Date Considered	4/14/06
-----------------------	-----------------	--------------------	---------

\*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

## Complete if Known

Application Number	10/698,427
Filing Date	11/3/03
First Named Inventor	Hideki MUTO
Art Unit	2817
Examiner Name	Barbara Summons
Attorney Docket Number	36856 1161

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BS	9	H. FUKUSHIMA et al.; 'A Study of Saw Antenna Duplexer for Mobile Application' Fujitsu Limited, Japan, 1998 IEEE Ultrasonics Symposium; PP. 9-12.	
BS	10	Transistor Technology; Special No. 47; PP. 91-95; CQ Publishing K.K.; 1994.	

Examiner Signature	Barbara Summons	Date Considered	4/14/06
-----------------------	-----------------	--------------------	---------

\* Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.